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BARNARD CASTLE URBAN DISTRICT COUNCIL.

ANNUAL REPORT

of the

Medical Officer of Health

for the year

1967.

A. S. M. WILSON,

Medical Officer of Health.

BARNARD CASTLE URBAN DISTRICT COUNCIL

Council Offices,
Woodleigh,
Barnard Castle.

Mr. Chairman, Mrs. Browne and Gentlemen,

I now submit to you my Annual Report for 1967.

The Vital Statistics of the district are generally satisfactory.

I would again thank Members of the Council for suggestions and help throughout the year, during which I continued to enjoy the advice and co-operation of the family doctors in the District.

I am indebted to Mr. Dixon for preparing Section II of this Report.

Your obedient Servant,

A. S. M. WILSON.

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PUBLIC HEALTH OFFICERS

Medical Officer of Health (part-time):

A. S. M. WILSON, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H.

Public Health Inspector and Surveyor:

EDGAR DIXON, M.A.P.H.I., A.R.S.H.

S E C T I O N I

GENERAL STATISTICS AND SOCIAL CONDITIONS

Area (Acreage)	559
Population (Registrar General's Estimated Figure mid-year 1967)	5,410
Sum represented by a penny rate	£579. 0. 0.
Rateable Value as at 1. 4. 67	£147,710.

Main Local Industries

Glaxo Laboratories Limited employed 785 people during 1967, and are concerned with the manufacture of antibiotics and vitamins by fermentation processes, together with the handling of antibiotics in bulk filling, packing and despatch thereof. This is the main industry and employment in the district.

Other industrial establishments in the district are concerned with engineering and ironfounding, the manufacture of gloves, and the manufacture of concrete and artificial stone products and egg and poultry packing.

Climatic Conditions

Table showing annual rainfall in inches
Compiled from figures received from the Bowes Museum

	1965 Inches	1966 Inches	1967 Inches
January	4.33	2.14	0.95
February	1.45	5.28	4.72
March	2.86	.82	1.96
April	2.98	4.88	1.84
May	2.43	2.54	5.01
June	1.64	2.73	1.06
July	2.20	1.74	2.98
August	1.83	4.36	3.72
September	5.30	1.68	2.89
October	1.48	4.37	5.72
November	6.83	2.56	2.76
December	2.01	3.11	1.50
	35.34	36.21	35.11

Average Rainfall
5 years 1963 - 1967 32.132

35.11	1967
36.21	1966
35.34	1965
22.09	1964
31.91	1963

Vital Statistics - 1967

	Males			Females		
	Legit.	Illegit.	Total	Legit.	Illegit.	Total
Live Births	43	3	46	33	5	38
Still Births	-	-	-	-	-	-
Deaths of Infants						
Under 1 year of age	1	-	1	1	-	1
Under 4 weeks of age	1	-	1	1	-	1
Under 1 week of age	-	-	-	1	-	1

	Male	Female	Total
All causes of death	40	34	74
Main Cause:			
Cardio Vascular:-			
(a) Vascular lesions of nervous system	7	12	19
(b) Coronary disease - angina	12	5	17
(c) Other heart disease	2	0	2
(d) Other circulatory diseases	4	5	9
(e) Hypertension with heart disease	0	1	1
Totals	25	23	48
Chest Diseases:-			
(a) Pneumonia	2	2	4
(b) Bronchitis	3	0	3
(c) Other Diseases of Respiratory System	1	0	1
Totals	6	2	8
Cancer:-			
Other Malignant and Lymphatic Neoplasms	4	3	7
Totals	4	3	7
Other Causes:			
Nephritis and Nephrosis	0	1	1
Other defined and ill-defined diseases	2	3	5
Motor Vehicle Accidents	1	0	1
All other Accidents	0	1	1
Ulcer of stomach and duodenum	1	0	1
Tuberculosis, respiratory	1	0	1
Suicide	0	1	1
Totals	5	6	11

The main causes of death in the district during the year were diseases of the heart and circulatory system 48, diseases of the respiratory system 8, and cancer 7.

Live-birth Rate - 15.5 per 1,000 home population.
Adjusted Rate - 16.7 per 1,000 home population.
Corresponding Rate for England and Wales - 17.2 per 1,000 home population.

Still-birth Rate - There were no still births in 1967.
Rate for England and Wales - 14.8 per 1,000 total births.

Death-rate - 13.7 per 1,000 home population.
Adjusted Rate - 9.7 per 1,000 home population.
Corresponding Rate for England and Wales - 11.2 per 1,000 home population.

Deaths of Infants.

Under 1 year of age - 24 per 1,000 live-births.
Corresponding Rate for England and Wales - 18.3 per 1,000 live-births.

Perinatal Mortality - 12 per 1,000 total births.
Corresponding Rate for England and Wales - 25.4 per 1,000 total births.

Year	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Population	5170	5200	5260	5290	5280	5290	5420	5410	5360	5410
Births	80	100	99	85	105	96	115	101	80	84

The above table shows live-births per year since 1958 together with the estimated populations for each year.

GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT

A. Hospitals

The Richardson Hospital continues to be a valuable asset to the community, and its bed capacity was increased to 50 during 1967. Cambridge House Hospital improvements have commenced. The administration was changed during the year and it was also re-named Bede Hospital.

B. Laboratories

Public Health Laboratories are available at Northallerton and Newcastle-on-Tyne.

Facilities are also provided at Bishop Auckland General Hospital, Pathological Department for urgent bacteriological examinations.

C. County Council Services

In his quarterly reports to the Area Health Sub-Committee the County Medical Officer gives the following information of Services in the Area.

1. Ambulance Facilities

Barnard Castle urban and rural districts are served by two ambulance depots, two ambulances and four driver-attendants.

	Stretcher cases	Sitting cases	Total cases	Mileage
1963	563	4,671	5,234	64,681
1964	628	4,959	5,587	67,544
1965	623	5,551	6,174	63,776
1966	575	5,452	6,027	66,866
1967	553	6,055	6,608	66,841

In addition to the above, patients residing in the urban and rural districts are also conveyed by vehicles from neighbouring depots and by the Darlington Ambulance Service, as occasion demands. Records are not maintained in sanitary district order and information regarding these cases cannot be conveniently supplied.

2. Home Nursing and Midwifery Services

Staff: 8 District Nurse Midwives.

Name	Address	Telephone No.
Mrs. L. Atkinson	4, Victoria Terrace, Middleton-in-Teesdale.	Middleton-in-Teesdale 308.
Miss L.H. Dodd	4, Montgomery Road, Barnard Castle.	Barnard Castle 2149.
Miss A.V. Dunn	4, Kensington Terrace, Cockfield.	Cockfield 280.
Miss L.M. Morton	3, Harmire Road, Barnard Castle.	Barnard Castle 3156.
Miss E. Shenton	13, Eden Crest, Gainford	Gainford 247.
Mrs. V.M. Slack	Garden House, Copley, Butterknowle.	Cockfield 254.
Mrs. M. Walker	West End, Ingleton.	Gainford 288.
Mrs. E. Walls	57, Gordon Lane, Ramshaw, Evenwood.	West Auckland 264.

These District Nurse Midwives practice domicilliary midwifery and carry out general home nursing as required.

3. Health Visiting

The number of health visitors in the area at the end of 1967 was three.

Domiciliary Visits:

Total number of visits paid	5,691
1. Maternity and child welfare	4,021
2. Tuberculosis	47
3. General Health	137
4. Mentally subnormal	107
5. School	446
6. Aged people	453

Summary:

Ineffective visits	470
Total number of visits	5,691
Number of effective visits	5,221
Time (as days) spent on visits (routine, other and ineffective)	325
Average daily number of effective visits per health visitor	16

Clinic, etc., work:

Time (as days) spent	
(a) at maternity and child welfare centres	137
(b) at chest clinics	11
(c) at school head to head inspections and school clinics	45
(d) at school medical inspections and special schools	15

Cases reported to the district medical officer of health

Overcrowding	-
Sanitary defects	-

4. Domestic Help Service

Assistance is provided in the home when necessary on account of old age, home confinement or illness.

5. Child Welfare Centres

The County Council Infant Welfare Clinic was discontinued in favour of the Baby Clinic and Antenatal Clinic provided by the family doctors in the town.

PREVALENCE OF AND CONTROL OF INFECTIOUS DISEASES

Protection against poliomyelitis, smallpox, diphtheria, whooping cough and tetanus is available from family doctors, child welfare centres and at school.

Polio protection is available up to the age of 40 and to certain priority groups over that age. The vaccine may be had either by injection or by mouth.

During 1967 the immunisation of school entrants was continued. This work was carried out within the schools on a sessional basis, and is reflected in the general immunisation statistics for the area.

There is always room for improvement in the uptake of protection against infection - particularly against poliomyelitis. Parents of pre-school children should make a special effort to take advantage of the protection so readily available for these children, particularly at this time of the year.

Poliomyelitis, Diphtheria, Whooping Cough and Tetanus
(Combined Urban/Rural District).

Primary

	Year of Birth					Others under 16	Total
	1967	1966	1965	1964	1960-63		
Poliomyelitis	35	142	32	12	90	55	366
Diphtheria	80	123	21	12	51	48	335
Whooping Cough	79	121	20	10	21	13	264
Tetanus	81	123	21	12	53	57	347

Reinforcing Doses

	Year of Birth					Others under 16	Total
	1967	1966	1965	1964	1960-63		
Poliomyelitis	-	6	15	16	275	63	375
Diphtheria	-	17	40	21	276	37	391
Whooping Cough	-	15	30	18	60	15	138
Tetanus	-	17	41	22	262	65	407

Smallpox

Primary

Under 1	1 Year	2-4 Years	5-15 Years	16+	Total
4	51	34	23	24	136

Re-Vaccination

2-4 Years	5-15 Years	16+	Total
-	12	3	15

The statistics for immunisation and vaccination in the Barnard Castle Area are not as satisfactory as they might be as the following table shows.

Vaccination and Immunisation of Children up to 31st December, 1966

Children Born in 1965 and Immunised or Vaccinated at any time

	Barnard Castle Area	Administrative County	England & Wales
Diphtheria	52%	66%	73%
Whooping Cough	51%	66%	72%
Tetanus	52%	66%	-
Poliomyelitis	45%	61%	68%
Smallpox	12%	33%	38%

The state of immunisation in the Area is worked out centrally in respect of the number of local births in any year and the number of children known to have been protected by the end of the following year. There are certain difficulties however. For example family doctors are not under any obligation to notify immunised children centrally and many children may therefore be immunised without subsequent central notifications. In this Area where the total number of births is comparatively small any omission to notify immunisation may be reflected more adversely in the final statistics compared with child populations in more heavily populated County Health Areas.

Notwithstanding such statistical information one feels that there is a certain pool of unprotected children in this Area, particularly in respect of the pre-school age groups.

Parents forget or do not know about diphtheria in the past. They also forget that poliomyelitis can still attack, cripple and kill young children in particular, unless these children are fully protected against it.

Reminders to parents about immunisation are many. The County Council sends out literature in respect of all infants. They also send out Birthday Reminders commencing on the childs first birthday. There are National Reminders from time to time in the Press on the Radio and on Television. When the child enters school the parents are again given an opportunity of having their child protected.

I would therefore appeal, through you, to the parents of all children and, particularly pre-school children, not to overlook reminders to take up free protection against diphtheria, whooping cough, tetanus, smallpox and poliomyelitis. This may be had from all Family Doctors or at any Child Welfare Centre.

B. C. G. Vaccination

During 1967 pr tection against tuberculosis continued to be offered in accordance with County Council policy to all school children aged 11 years and over.

A skin test is carried out first to see whether or not a child has developed a degree of natural immunity. A negative reading indicates the need for protection, and vaccination is then carried out.

The following figures show the work carried out during 1967.

School	Parental Consents	At skin testing		At reading			At Vaccination	
		Tested	Absent	Positive	Negative	Absent	Vac-cinated	Not Vac-cinated
Grammar	78	75	3	8	64	3	60	4
Modern	97	93	4	9	79	5	72	7

Children who are absent, or not vaccinated for such medical reasons as intercurrent infection, skin conditions, etc., are usually taken up at subsequent sessions.

INCIDENCE OF INFECTIOUS DISEASES

Notifiable Diseases (other than Tuberculosis) during recent years

	1963	1964	1965	1966	1967
Scarlet Fever	1	10	2	1	1
Diphtheria	-	-	-	-	-
Measles	12	76	32	22	47
Whooping Cough	29	8	-	-	12
Poliomyelitis	-	-	-	-	-
Acute Primary Pneumonia	-	1	-	-	-
Erysipelas	-	-	-	-	-
Puerperal Pyrexia	-	-	-	-	-
Dysentry	2	-	30	-	-
Food Poisoning	-	-	2	-	-

Tuberculosis

During 1967 two cases of respiratory tuberculosis were notified. One death occurred due to respiratory tuberculosis.

SECTION II.

GENERAL PUBLIC HEALTH CIRCUMSTANCES

Water Supply

The Tees Valley and Cleveland Water Board provide a satisfactory water supply in quantity and quality to the whole of the urban area. In all cases the water is supplied direct to the houses.

A 12" water main laid from Lartington Filter Beds to Bede Road, Staindrop Road junction and from there connected to the existing mains was brought into service during the year. This additional main supply has afforded a supply to the 87 houses in Churchill Road and improved the pressure in the water mains. This improved pressure has been particularly advantageous to houses at the higher parts of the town, the water supply to these houses has suffered for years from interruption due to leakeage of water after heavy frosts and consequent burst pipes, repairs or alteration of water mains and other periods of heavy demands.

Closet Accomodation

All but four properties in the town have water closets, these have pail privies which are emptied regularly by the Council. These four properties are a considerable distance from a sewer. The owner of one of these premises made application during the year for an improvement grant to provide a bathroom, W.C. and other improvements with a septic tank drainage system. The Council offered an improvement grant when details and priced quantities were received.

Improvement Grants. Housing Act 1949 - 64.

	Discretionary	Standard	Total
Applications submitted to the local authority during 1967	4	3	7
Applications refused during 1967	-	-	-
Total number of applications approved since the inception of the scheme	88	41	129
Total number of grants paid since the inception of the scheme	81	37	118

New Dwellings during 1967

Ten dwellings and a steward's flat at the new Workingmens' Club off Queen Street were completed and occupied during the year.

Eighty seven houses on Churchill Road were built for the North Eastern Housing Association and let by the Council.

House units lost during the year

Dunelm Square 22. Steward's flat, No. 3, The Bank. Flat above, 15, Galgate. National Provincial Bank House, 26, Market Place. 37 and 39, Galgate.

Housing by the Council

One house in a Clearance Area and one subject to a Demolition Order were vacant but still standing at the end of the year.

Dunelm Square

The tenants of the 25 dwellings owned by the Council in Dunelm Square and converted from Militia Barracks in 1930 are being rehoused, only three were still tenanted at the end of the year. Eight of these dwellings were demolished during the year.

When the site is cleared it is proposed to use the land for a Fire Station, and a house and flatlet scheme.

Dunelm Square (Continued).

In November 1967 plans for redevelopment of the site, excluding the portion to be used for a Fire Station, were forwarded to Durham County Council Planning Officer. These plans showed 7 four person 3 bedroom houses with garages, a 30 unit flatlet scheme (14 two person and 16 one person flatlets) and a warden's house. These flatlets are planned to have gas fired central heating, double glazed windows, communal bathrooms, laundry, sitting areas, television room and a guest bedroom.

Callowflats Allotment behind Zetland Road

Negotiations for the purchase of the second part of these allotments were completed during the year.

Development of this land which it is proposed to use for future Council houses has been deferred.

Applications for Council Houses

The number of applications on the Council's list at the end of the year was 99, compared with 162 at the end of 1966.

Provision of Dwellings by the Local Authority

	Owners	Situation	No. of Bedrooms				
			1	2	3	4	Total
Pre 1939	Barnard Castle U.D.C.	Dunelm Square.	1	2	-	-	3
	North Eastern Housing Association Limited	Dunelm Square	10	-	-	-	10
		Dawson Road	-	22	14	8	44
		TOTAL PRE 1939	11	24	14	8	57
Post 1939	Barnard Castle U.D.C.	Victoria Road	-	-	12	-	12
	North Eastern Housing Association Limited	Zetland Road	-	20	28	6	54
		Montalbo Road Estate	8	-	82	12	102
		Zetland Road Estate	6	20	13	-	39
		Green Lane Site	8	76	80	12	176
		The Bank Redevelopment	-	1	5	1	7
		Thorngate "	4	2	5	-	11
		Bridgegate "	-	22	32	-	54
		Galgate "	3	1	-	-	4
		Churchill Road	-	-	87	-	87
		TOTAL POST 1939	29	142	344	31	546
		TOTAL HOUSES	40	166	358	39	603

Factories and Workshops

Three notifications from the Factory Inspector were received during the year. Two of these were rectified without formal notice and the other received in December was in the process of being complied with at the end of the year.

Public Health Act, 1936. Section 269.

The licence to use a temporary dwelling on Prospect Camping Site was renewed during the year. There is piped water, W.C. and drainage connected to the Council's sewer within 4 yards of this dwelling.

Caravan Sites and Control of Development Act, 1960
Prospect Place Caravan Site, Staindrop Road, Barnard Castle

This site has planning approval and is licensed to take seventeen caravans for all round the year occupation. Each site has hard standing, water supply, store refuse, W.C. and drainage connected to the Council's sewer. The site is serviced by a tarmacadam road, and has fire points and a communal wash house. It is used to capacity and is kept in a reasonably satisfactory condition.

Red Well Inn, Harmire Road, Barnard Castle

A caravan in permanent occupation has a licence held by the owner of the site.

The remainder of the site is laid out for 35 holiday caravans for occupation between 1st March and 31st October each year. The site is provided with communal toilets, washing facilities, refuse storage bins, water supply from the mains and is drained to a septic tank in the adjoining field.

Rodent Control

The Council's refuse tip and sewage works and twenty-two other premises were treated for the extermination of rodents during the year.

Slaughterhouses

The four slaughterhouses with the licence holder are as follows:-

1.	Vere Road, Barnard Castle	Mr. W.H. Foster
2.	Rear of 54, Galgate, Barnard Castle	Messrs. W. Peat Ltd.
3.	Birch Road, Barnard Castle	Mr. F.A. Youngs
4.	Rear of 46, The Bank, Barnard Castle	Mr. R.C. Jackson

Meat Inspection Regulations, 1963

In September, 1963, the Council made reciprocal arrangements with the Barnard Castle Rural District Council for the maintenance of full meat inspection during periods of holiday and sickness of the Inspector.

More than half of the animals slaughtered are dressed by part-time slaughtermen outside normal working hours.

Animals Slaughtered

The following table shows the animals killed, inspected and found unfit for human consumption at the Slaughterhouses during the ending 31st. December, 1967.

	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed	779	3	66	2450	858
Number inspected	779	3	66	2450	858
All diseases except Tuberculosis					
Whole carcase condemned	-	-	1	1	-
% of number inspected	-	-	1.51	0.04	-
Part of carcase or organ condemned	127	-	2	50	161
% of number inspected	16.30	-	3.02	2.04	18.76
Tuberculosis only					
Whole carcase condemned	-	-	-	-	-
Part of carcase or organ condemned	-	-	-	-	6
% of number inspected	-	-	-	-	0.70
Cysticercosis					
Carcases of which some part or organ condemned	-	-	-	-	-
Submitted for refrigeration	-	-	-	-	-
Generalized and totally condemned	-	-	-	-	-

Milk Supplies

Brucella Abortus

Only one milk producer has his premises in the Urban District and his milk goes to the Milk Marketing Board for Pasteurisation.

The arrangement to leave raw milk sampling to the County Health Inspector to avoid duplication is in operation.

Liquid Egg (Pasteurisation) Regulations, 1963.

No egg pasteurisation plants are situated in the area.

Food Hygiene (General) Regulations, 1960.

The following is a list of food premises in the district.

Grocers	36
Butchers	8
Fish Shops	6
Confectioners	14
Cafes	14
Licensed Premises	20
	98

Washing facilities for personal use are provided in all these premises and where necessary washing facilities for equipment.

Poultry Inspection

Three poultry processing premises are operating within the district.

Infrequent visits are made to these premises. No ducks or broilers are dressed. About 400 turkeys and about 1,400 capons are dressed mostly near Christmas. The main trade is in hens, approximately 105,500 being processed during the year.

Causes of Death at different periods of life during 1967 in the Urban District of Barnard Castle.

Cause of Death	Sex	Total All Ages	Under 4 weeks	4 weeks and under 1 year	Age in Years 1-	5-	15-	25-	35-	45-	55-	65-	75 and over
Tuberculosis, Respiratory	M	1	-	-	-	-	-	-	-	-	1	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
Other Malignant and Lymphatic Neoplasms	M	4	-	-	-	-	-	-	-	-	1	2	1
	F	3	-	-	-	-	-	-	-	-	-	1	2
Vascular Lesions of Nervous System	M	7	-	-	-	-	-	-	-	-	-	3	4
	F	12	-	-	-	-	-	-	-	-	-	2	10
Coronary Disease, Angina	M	12	-	-	-	-	-	-	-	3	2	1	6
	F	5	-	-	-	-	-	-	-	-	1	1	3
Hypertension with Heart Disease	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
Other Heart Disease	M	2	-	-	-	-	-	-	-	1	-	1	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
Other Circulatory Disease	M	4	-	-	-	-	-	-	-	-	-	1	3
	F	5	-	-	-	-	-	-	-	-	-	-	5
Pneumonia	M	2	1	-	-	-	-	-	-	1	-	-	-
	F	2	-	-	-	-	-	-	-	-	-	-	2
Bronchitis	M	3	-	-	-	-	-	-	-	-	1	2	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
Other Diseases of Respiratory System	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	-	-	-	-	-	-	-	-	-	-	-	-
Ulcer of Stomach and Duodenum	M	1	-	-	-	-	-	-	-	-	-	-	1
	F	-	-	-	-	-	-	-	-	-	-	-	-
Nephritis and Nephrosis	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	1	-	-	-	-
Other Defined and Ill-Defined Diseases	M	2	-	-	-	-	-	-	1	-	-	-	1
	F	3	1	-	-	-	-	-	-	-	-	1	1
Motor Vehicle Accidents	M	1	-	-	-	-	-	1	-	-	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
All other Accidents	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
Suicide	M	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	1	-	-	-	-	-	-
TOTAL ALL CAUSES	M	40	1	-	-	-	-	1	1	5	5	10	17
	F	34	1	-	-	-	1	-	1	-	1	5	25